

## **Curriculum Vitae of Stephen Kenneth Hirschmugl, PE**

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### **Education**

B.S. Civil Engineering, Carnegie –Mellon University, Pittsburgh, PA 1981  
Coursework included: Calculus, Physics, Mechanics, Materials, Structural Mechanics, Fluid Mechanics, Probability and Statistics, Soil Mechanics, Hydraulics, Structural Design, Steel Design, Concrete Design, Foundations, Structure Dynamics.

### **Registrations**

Professional Engineer Ohio (No. 56098)  
Professional Engineer Maryland (No. 20293)  
Professional Engineer Virginia (No. 042906)  
Professional Engineer West Virginia (No. 13543) (inactive)  
Professional Engineer Utah (No. 5214083-2202) (inactive)  
NCEES Council Record (30340)

### **Affiliations**

American Society of Civil Engineers  
American Concrete Institute  
American Segmental Bridge Institute  
American Institute of Steel Construction  
American Welding Society

### **Professional Work History**

2006 – Present: Hirschmugl, Heine & Associates, Inc. is a Nevada corporation which offers consulting and engineering (design, planning and management) services specific to the heavy civil construction Industry. Mr. Hirschmugl serves as president.

1997 – 2006: Edward Kraemer & Sons, Inc. Plain Wisconsin.

Mr. Hirschmugl served as engineer in responsible charge of several heavy civil projects including:  
Replacement of the Woodrow Wilson Bridge for the Maryland Department of Transportation  
New bridge construction over Interstate 215 for the Utah Transit Authority  
New Structures for the Legacy Design Build for the Utah Department of Transportation  
Replacement of the Black River Bridge in Andrews NC for CSX Railroad  
Replacement of the Shadel Bridge over Kanawha River for the WVDOT  
Replacement of the Greenville Trestle over the Tar River for CSX Railroad  
Replacement of the Pratt Bridge for the WVDOT

1987 – 1997: Geupel Construction Co., Inc. Columbus, Ohio.

Mr. Hirschmugl served as Project manager/Project Engineer involved with construction of the following projects:  
Lackawanna Valley Industrial Highway, for the Pennsylvania Department of Transportation  
New Bridge over the Potomac River, for the Maryland Department of Transportation  
New Highway and Bridges for Rte 22 Bypass, Ohio Department of Transportation  
National Highway, Interstate 68, for the Maryland Department of Transportation

1986-1987: S.J. Groves and Sons, Minneapolis, Minnesota. Mr. Hirschmugl served as Field Engineer involved with the construction of Interstate 68 for the Maryland Department of Transportation

1982-1986: Perini Construction Co., Inc. Hagerstown, Maryland. Mr. Hirschmugl served as Field Engineer during construction of the following projects:  
Washington County Hospital Renovations  
Moran Manor Extended Care Facility